

New Distributional Records for Two California Nudibranchs

BY

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DURING SURVEYS OF INTERTIDAL opisthobranch mollusk communities in northern and central California, two nudibranchs were collected which represent a geographical range extension for each species. Both specimens were sighted in zone 3 rocky intertidal habitats (RICKETTS & CALVIN, 1968).

Ancula lentiginosa Farmer, in Farmer and Sloan, 1964

Relatively few sightings of the goniodorid *Ancula lentiginosa* have been reported since the original description. LANCE (1966) reported observing a specimen in a rocky intertidal region at Bahía de los Angeles, Baja California, establishing the southern extent of the geographical distribution. Along the California coast *A. lentiginosa* has been reported from La Jolla (FARMER & SLOAN, 1964), from Santa Barbara County (SPHON & LANCE, 1968), in San Luis Obispo County (ROLLER & LONG, 1969) and from Asilomar Beach, Monterey County (NYBAKKEN, 1978).

One specimen of *Ancula lentiginosa* was collected at the Frontier Arts Nature Reserve, Marin County (Lat. 37° 52' 22" N; Long. 122° 36' 56" W) on August 9, 1979. This specimen exhibited the solid freckled coloration pattern as described by FARMER & SLOAN (1964). Previous to this sighting, the northern limit of the geographical range was considered to be Elkhorn Slough, Monterey County (Gary McDonald, personal communication 5-XI-1979). The specimen collected in Marin County extends the northern limit of the geographical range 117.3 km. This specimen has been deposited in the invertebrate collection at the California Academy of Sciences, San Francisco, as a voucher specimen #1102.

Hallaxa chani Gosliner and Williams, 1975

Reported sightings of *Hallaxa chani* are limited primarily to the original description (GOSLINER & WILLIAMS, 1975). NYBAKKEN (1978) sighted a specimen at Asilomar Beach, Monterey County. McDONALD & NYBAKKEN (1978) reported 3 specimens from Morro Bay, San Luis Obispo County, feeding upon the encrusting ascidian *Didemnum carnulentum* Ritter and Forsyth, 1917.

A single specimen of *Hallaxa chani* was collected at Abalone Beach, Humboldt County (Lat. 41° 07' 20" N;

Long. 124° 09' 32" W) on April 28, 1979. The specimen was observed on the angiosperm *Phyllospadix scouleri* Hoof, 1839; GOSLINER & WILLIAMS (1975) cite *Phyllospadix* as an algal substrate particularly associated with *H. chani*. The external coloration and morphology of the collected specimen is consistent with the original description. The preserved specimen was sent to Dr. Terrence M. Gosliner who confirmed its identity.

The previous northernmost occurrence for this species is Bird Rock, Tomales Point, Marin County (Lat. 38° 14' N; Long. 123° 00' W); the southern extent of the geographical distribution is Shell Beach, San Luis Obispo County (Lat. 35° 12' N; Long. 120° 43' W) (GOSLINER & WILLIAMS, 1975). The collected specimen from Humboldt County represents a northern geographical range extension of 320 km.

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